

Infectious Diseases



Listed left to right. Front: Preeti Jaggi, John Manaloor, Katalin I. Koranyi, Rebecca Uram Scherzer. Middle: Dwight A. Powell, Peter J. Mustillo, William J. Barson, Elizabeth Erwin. Back: J. Robert Honegger, W. Garrett Hunt, Kevin Spicer. Not pictured: Dennis J. Cunningham.

Staff Physicians and Faculty



Dwight A. Powell, MD, Chief

William J. Barson, MD

Dennis J. Cunningham, MD

Elizabeth Erwin, MD

W. Garrett Hunt, MD

Preeti Jaggi, MD

Katalin I. Koranyi, MD

Peter J. Mustillo, MD

Rebecca Uram Scherzer, MD

The Section of Infectious Diseases specialists provide expert consultation, diagnosis and management advice for children with all types of acute, recurrent and chronic infections or immune-deficiency disorders. Physicians in the section care for patients admitted to Nationwide Children's Hospital's Infectious Diseases Unit who do not have a private pediatrician. Also, following a request for consultation, physicians in the section see patients with infectious diseases or immunodeficiency disorders throughout the rest of the hospital. Patients are evaluated as outpatients following referral to the Infectious Diseases Clinic, the Pediatric Immunology Clinic, the Pediatric Tuberculosis Clinic (which works closely with the Columbus Health Department), the Immune Deficiency Clinic and the International Adoption Clinic, dedicated to advising adoptive parents and evaluating children recently adopted from a foreign country.

The Immune Deficiency Clinic is a part of a comprehensive, family-centered HIV clinical service that provides medical, psychosocial and case management services to HIV-infected infants, children, adolescents and women. These services range from pediatric, adolescent and adult primary care to HIV specialty care to homecare and

hospice services. The only Ryan White Title IV Program in Ohio, it also promotes and implements educational activities around HIV prevention and prevention of perinatal transmission, as well as educating patients and family members about access to clinical trials.

The Section of Infectious Diseases sponsors a three year fellowship in Pediatric Infectious Diseases. Currently in its third year, one new fellow is added per year. The first graduate of the program, Rob Honegger, MD, will be joining the section in July 2008 as an Assistant Professor of Pediatrics.

Clinical, Teaching and Research Interests

Dwight A. Powell, MD, is Chief of the Section of Infectious Diseases at Nationwide Children's Hospital and a Professor of Pediatrics at The Ohio State University College of Medicine. Dr. Powell's hospital positions include director of Nationwide Children's Hospital's International Adoption Clinic. His clinical interests include education of medical students and residents, and the management of children and adolescents with infectious diseases, particularly tuberculosis. His research interests are primarily associated with diagnosis and management of children with latent tuberculosis.

William J. Barson, MD, is a member of the Section of Infectious Diseases at Nationwide Children's Hospital and a Professor of Clinical Pediatrics at The Ohio State University College of Medicine. He is the Director of the Pediatric Infectious Diseases Fellowship Program. His clinical interests include education of medical students and residents, and the management of children and adolescents with infectious diseases. His research interests are primarily associated with multi-center surveillance studies of Streptococcus pneumoniae and Neisseria meningitidis infections in children. He has also been involved with a number of antibiotic efficacy and safety studies. He is the local principal investigator of the U.S. Pediatric Multicenter Pneumococcal Surveillance Study Group and the U.S. Pediatric Multicenter Meningococcal Surveillance Study Group. Dr. Barson also serves as the chair of Nationwide Children's Hospital's Pharmacy and Therapeutics Committee which is responsible for determining which medicines are included on the hospital formulary.

Dennis J. Cunningham, MD, is a member of the Section of Infectious Diseases at Nationwide Children's Hospital and an Assistant Professor of Clinical Pediatrics at The Ohio State University College of Medicine. His clinical interests include education of medical students and residents, and the management

of children and adolescents with infectious diseases. He is the physician director of the Department of Epidemiology and Infection Control at Nationwide Children's Hospital. His research interests include the evaluation of childhood vaccines. He has served as the principal investigator or sub-investigator on multiple pharmaceutical-sponsored trials and was recently awarded a seven-year contract as the local principal investigator of a sub-site of the National Institute of Health sponsored Vaccine Treatment Evaluation Unit.

Elizabeth Erwin, MD, is a member of the Section of Infectious Diseases at Nationwide Children's Hospital and the Section of Allergy and Immunology and a Clinical Assistant Professor of Pediatrics at The Ohio State University College of Medicine. Her clinical interests include the management of children with allergies and immunodeficiency disorders. Her primary research interests relate to exploring food and pollen sensitivities among patients with eosinophilic esophagitis.

W. Garrett Hunt, MD, is a member of the Section of Infectious Diseases at Nationwide Children's Hospital and a Clinical Assistant Professor of Pediatrics at The Ohio State University College of Medicine. His clinical interests include education of medical students and residents, and the management of children and adolescents with infectious diseases, particularly tuberculosis and infections in the immunocompromised host. His research interests are primarily associated with clinical trials dealing with the treatment of neonatal herpes simplex virus and congenital cytomegalovirus. He is local principal investigator of protocols contracted with the Collaborative Antiviral Study Group sponsored by the National Institute of Allergy and Immunology.

Preeti Jaggi, MD, is a member of the Section of Infectious Diseases at Nationwide Children's Hospital and an Assistant Professor of Clinical Pediatrics at The Ohio State University College of Medicine. Her clinical interests include education of medical students and residents, and the management of children and adolescents with infectious diseases. Her research interests focus on the identification of children with colitis who might have chronic granulomatous disease and the study of cytomegalovirus infections in post-stem cell transplant patients.

Katalin I. Koranyi, MD, is a member of the Section of Infectious Diseases, Medical Director of the Pediatric HIV Program and Co-Director of the International Adoption Clinic at Nationwide Children's Hospital and a Professor of Clinical Pediatrics at The Ohio State

University College of Medicine. Her clinical interests include education of medical students and residents, and the management of children with infectious diseases, particularly HIV infection. Clinical research activities are focused on clinical trials dealing with vaccine development, pediatric HIV infections and antimicrobial agents in the treatment of infectious diseases. Dr. Koranyi is the principal investigator of an experimental tetravalent meningococcal conjugate vaccine in children and adolescents. She is a co-investigator of the Ryan White IV Project (FACES) delivering family-centered care to HIV-infected children and their families.

Peter J. Mustillo, MD, is a member of the Sections of Infectious Diseases and Allergy and Immunology at Nationwide Children's Hospital and a Clinical Assistant Professor of Pediatrics at The Ohio State University College of Medicine. He is the physician director of the Infusion Clinic at Nationwide Children's Hospital. His clinical interests include treating infants, children, adolescents and adults with allergies and asthma. In addition, he has a subspecialty focus on treating children with immunodeficiency disorders.

Rebecca Uram Scherzer, MD, is a member of the Sections of Infectious Diseases and Allergy and Immunology at Nationwide Children's Hospital and a Clinical Assistant Professor of Pediatrics at The Ohio State University College of Medicine. Her clinical interests include treating infants, children and adolescents with allergies, asthma and immunodeficiency diseases. Her clinical responsibilities include ward attending on the Infectious Diseases unit, attending for Allergy and Immunology clinics and consult service, along with resident and medical student education. She actively participates in clinical drug trials.

Research Funding (Over \$50,000)

Dennis J. Cunningham, MD
Industry Study, Anonymous

Katalin I. Koranyi, MD
Industry Study, Anonymous

Dwight A. Powell, MD
RSV Treatment Study for Children 12 Months and Younger, Anonymous

Publications

Erwin EA, Rönmark E, Wickens K, Perzanowski MS, Barry D, Lundbäck B, Crane J, Platts-Mills TA. Contribution of dust mite and cat specific IgE to total IgE: relevance to asthma prevalence. *Journal of Allergy and Clinical Immunology* 119(2): 359-365, 2007.

Jaggi P, Beall B, Rippe J, Tanz RR, Shulman ST. Macrolide resistance and emm type distribution of invasive pediatric group A streptococcal isolates: three-year

prospective surveillance from a children's hospital. *The Pediatric Infectious Disease Journal* 26(3): 253-255, 2007.

Jaggi P, Paule SM, Peterson LR, Tan TQ. Characteristics of Staphylococcus aureus infections, Chicago Pediatric Hospital. *Emerging Infectious Diseases* 13(2): 311-314, 2007.

Jaggi P, Shulman ST. Rheumatic Fever. In: *Current Diagnosis and Treatment of Rheumatology*, Second Edition, (Imboden J, Helmann D, eds.) McGraw Hill, New York, 405-408, 2007.

Koranyi K. Measles (Rubeola). In: *Rakel: Conn's Current Therapy*, 59th edition, St. Louis: WB Saunders, 2007.

Koranyi K. Questions and Discussions Regarding Varicella Vaccine (questions 35 and 36). *The Core Content Review of Family Medicine* 38(1), January 2007.

Mason EO Jr, Wald ER, Tan TQ, Schutze GE, Bradley JS, **Barson WJ**, Givner LB, Hoffman J, Kaplan SL. Recurrent systemic pneumococcal disease in children. *The Pediatric Infectious Disease Journal* 26(6): 480-484, 2007.

Powell DA. Genital Mycoplasmas. In: *Nelson Textbook of Pediatrics*, 18th Edition, (Kliegman RM, Jensen HB, Behrman RE, Stanton BF, eds.) St. Louis, WB Saunders, 2007.

Powell DA. Hansen's Disease. In: *Nelson Textbook of Pediatrics*, 18th Edition, (Kliegman RM, Jensen HB, Behrman RE, Stanton BF, eds.) St. Louis, WB Saunders, 2007.

Powell DA. Mycoplasma Pneumoniae. In: *Nelson Textbook of Pediatrics*, 18th Edition, (Kliegman RM, Jensen HB, Behrman RE, Stanton BF, eds.) St. Louis, WB Saunders, 2007.

Powell DA. Nontuberculous Mycobacteria. In: *Nelson Textbook of Pediatrics*, 18th Edition, (Kliegman RM, Jensen HB, Behrman RE, Stanton BF, eds.) St. Louis, WB Saunders, 2007.

Presentations

Dennis J. Cunningham, MD

Immunizations, Invited Speaker, Mid-Winter Conference, West Virginia School of Osteopathic Medicine, Charleston, West Virginia, February 2007

Pertussis, Columbus City Health Department Immunization Conference, Ohio, April 2007

Immunization Update, Grand Rounds, Grady-Memorial Hospital, Delaware, Ohio, July 2007

Adolescent Immunizations, 21st Annual Family Medicine Weekend & Sports Medicine Conference, West Virginia, November 2007

W. Garrett Hunt, MD

Pediatric Tuberculosis Care, Ben Franklin TB Control Program "World TB Day 2007," Ohio Department of Health Bureau of Infectious Disease Tuberculosis Program and Columbus City Health Department, March 2007

Preeti Jaggi, MD

Advances in Pertussis Control Through Expanded Immunization, Grand Rounds, Genesis Healthcare, Zanesville, Ohio, May 2007

Katalin I. Koranyi, MD

Rotavirus Vaccine, Lecture to Pediatricians, Chardon, Ohio, January 25, 2007

HPV Vaccine, Lecture Given to Pediatricians and Nurses, Lancaster, Ohio, March 7, 2007

Hepatitis A Immunization Update, Lecture Given to Pediatricians, Dayton, Ohio, April 10, 2007

Flumist Update, Lecture Given to Pediatricians, Adena Medical Center, Chillicothe, Ohio, July 17, 2007

Rotavirus Vaccine Update, Presentation Given to Area Pediatricians, Columbus, Ohio, October 9, 2007

Peter J. Mustillo, MD

Controlling Asthma in the Pediatric Population, Union County Memorial Hospital, February 20, 2007

Dwight A. Powell, MD

Tuberculosis in Children, Columbus Public Health Department Seminar on Tuberculosis, July 2007

Infections in Internationally Adopted Children, American Academy of Pediatrics Practical Pediatrics CME course, Long Beach, California, October 2007

Interesting Infectious Diseases Cases, American Academy of Pediatrics Practical Pediatrics CME Course, Long Beach, California, October 2007

Recognizing and Managing HSV Infections in Neonates and Older Children, American Academy of Pediatrics Practical Pediatrics CME Course, Long Beach, California, October 2007

Superficial Skin Infections with MRSA, American Academy of Pediatrics Practical Pediatrics CME course, Long Beach, California, October 2007

Awards and Honors

William J. Barson, MD

Listed, Best Doctors in America

Katalin I. Koranyi, MD

Listed, Best Doctors in America

Inducted into the Gold Humanism Honor Society, The Ohio State University College of Medicine Chapter, March 20, 2007

Peter J. Mustillo, MD

Listed, Americas Best Pediatricians

Dwight A. Powell, MD

Listed, Best Doctors in America

Fast Facts

Inpatient Discharges: 2,467

Observation Discharges: 183

Total Discharges: 2,650

Average Length of Stay*: 2.5

Average Daily Census*: 17.0

Patient Days*: 6,192

Inpatient Consults: 565

Infectious Disease Clinic: 656

International Adoption/Travel: 208

Northeast Adoption: 155

Tuberculosis: 2,764

Northland TB: 303

Total Infectious Disease Clinic Visits: 4,086

*Excludes observation patients